

08/17/98



JCS95 U.S. PTO

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	246-97-004	Total Pages	20
	First Named Inventor or Application Identifier			
	RONALD F. WELCH, JR. ETAL.			
	Express Mail Label No.	EF223617397 US		

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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<p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form (IN DUPLICATE)</b> (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> <b>Specification</b> (Total Pages <u>8</u>) (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the invention</li><li>- Brief Summary of the invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>3. <input checked="" type="checkbox"/> <b>INFORMAL DRAWING(S)</b> (35 USC 113) (Total Sheets <u>7</u>)</p> <p>4. <b>UNEXECUTED</b> Oath or Declaration (Total Pages <u>2</u>)</p> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) (Note Box 5 below)</li><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul> <p>5. <input type="checkbox"/> <b>Incorporation By Reference (useable if Box 4b is checked)</b> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>	<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul>
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<b>ACCOMPANYING APPLICATION PARTS</b>	
8. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))
9. <input type="checkbox"/>	37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney
10. <input type="checkbox"/>	English Translation Document (if applicable)
11. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/>	Preliminary Amendment
13. <input type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. <input type="checkbox"/>	Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. <input type="checkbox"/>	Other: .....

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME	Verne E. Kreger, Jr.					
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PTO/SB/17 (12-97)  
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## FEE TRANSMITTAL

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**790.00**

### Complete if Known

Application Number	
Filing Date	12
First Named Inventor	RONALD F. WELCH ET AL.
Group Art Unit	
Examiner Name	
Attorney Docket Number	246-97-004

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **01-1113**  
Deposit Account Name

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	201	395	Utility filing fee	790
106	330	206	Design filing fee	
107	540	207	Plant filing fee	
108	790	208	Reissue filing fee	
114	150	214	Provisional filing fee	
SUBTOTAL (1)				(\$)

#### 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
8	-20 =	0	0
3	-3 =	0	0
Multiple Dependent Claims			

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description
103	22	203	11 Claims in excess of 20
102	82	202	41 Independent claims in excess of 3
104	270	204	135 Multiple dependent claim
109	82	209	41 Reissue independent claims over original patent
110	22	210	11 Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)			

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	140	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	950	217	475 Extension for reply within third month	
118	1,510	218	755 Extension for reply within fourth month	
128	2,060	228	1,030 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,320	241	660 Petition to revive - unintentional	
142	1,320	242	660 Utility issue fee (or reissue)	
143	450	243	225 Design issue fee	
144	670	244	335 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Petitions related to provisional applications	
126	240	126	240 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395 For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)				
Other fee (specify)				
Reduced by Basic Filing Fee Paid				
SUBTOTAL (3) (\$)				

### SUBMITTED BY

Typed or Printed Name **Verne E. Kreger, Jr.**

Signature *Verne E. Kreger Jr.*

Date **8/17/98**

### Complete (if applicable)

Reg. Number **35,231**

Deposit Account User ID

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